

MSB NEWS

Monthly Newsletter



Department of

Molecular and Systems Biology

Geisel School of Medicine at Dartmouth

Let's stay connected...

Fall is for foraging, walks in the woods, and a new MSB contest. Send in a photo of your favorite tree [here](#) by November 20th for a fabulous prize. This month we welcome two new lab members. Also, save the date (Dec. 15) and look out for your invitation to the MSB holiday party.



Oyster mushroom tree that keeps on giving!

[GEISEL CALENDAR](#)

[SUBMIT CONTENT](#)

[MSB CALENDAR](#)



KUDOS

Congratulations to M.D.,Ph.D. student Steven Tau who was awarded a competitive Ruth L. Kirschstein Predoctoral National Research Service Award (F31) from the National Cancer Institute (NCI). F31 Awards support the graduate research of students with a demonstrated potential to develop as productive and independent researchers.

DISCOVERY SCIENCE SEMINARS

Discovery Science Seminar

“Chance and necessity: decision making in single cancer cells”

Yogesh Goyal, PhD

Assistant Professor of Cell
and Developmental Biology

Northwestern University

Monday Nov 13, 2023

12:15pm-1:15PM
Kellogg 200



Host: José Delgado

For more information contact:

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Dartmouth
GEISEL SCHOOL OF MEDICINE
DEPARTMENT of BIOCHEMISTRY & CELL BIOLOGY



Dartmouth
GEISEL SCHOOL OF MEDICINE
DEPARTMENT of MOLECULAR & SYSTEMS BIOLOGY

LONEPINE PUMPKIN DERBY

MSB entries at the 2023 LonePine Pumpkin Derby!



UPCOMING EVENTS

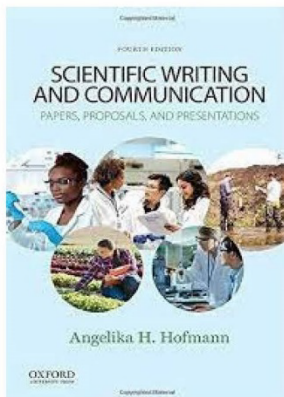
MSB TEA AND TREATS

Wednesday, November 1, 2023

2:30-3:30pm

Remsen 6th Floor Lobby





Scientific Writing Workshop

Geared toward Dartmouth junior faculty, post-docs, and graduate students, this free online class will focus on the basic principles of good scientific style and composition. The class meets via Zoom on three Thursdays November 2, November 9, and November 16, 2023 from 9-10:30 a.m.

More info: <http://vox.dartmouth.edu/archive?id=65237>



DAYLIGHT SAVINGS - NOVEMBER 5, 2023

Clocks will fall back one hour at 2 a.m.



ANNUAL BENEFITS OPEN ENROLLMENT 2024

Open Enrollment is your annual opportunity to review, enroll, add, or remove dependents, or make changes to your benefit elections. **This year the annual benefits Open Enrollment period will be from 8:00 a.m. Monday, October 23 through 11:59 p.m. Monday, November 6, 2023.** Changes made during this period will be effective January 1, 2024.

Please make some time to review the [2024 Open Enrollment Newsletter](#) and [2024 Benefits Guide](#), which provides an overview of important updates, plan changes, and to learn more about our new benefit offerings.

WELCOME TO MSB

Shannon Paquette recently defended her PhD at Brown University in Pathobiology. Prior to graduate school, she studied non-canonical macrophage functions in a mouse model of non-alcoholic fatty liver disease at Sanford Burnham Prebys. She further fueled her admiration for macrophage biology during her graduate training,

for which she led two independent projects: (1) she studied the impact of toxicological exposure on microglia function in the larval zebrafish brain, and (2) she determined the non-canonical roles of embryonic-derived macrophages in adult zebrafish heart health and function. The latter work was funded by a F31 predoctoral fellowship awarded by the National Heart, Lung, and Blood Institute (NHLBI). At Dartmouth, Shannon is excited to join Dr. Dionna Kasper's lab and continue using the zebrafish model to explore early mediators of cardiovascular development.



Bianca de Barros Nóbrega, a native of Santo André-SP, Brazil, attended the University of São Paulo, where she studied Chemistry with a specialization in Environmental Chemistry. She started her PhD in 2020 at the Fungal Bioluminescence Laboratory (LBF), investigating the circadian control of bioluminescence in *Neonothopanus gardneri*. Bianca is excited to explore the molecular clock components present in bioluminescent fungi as a visiting researcher in the Dunlap Lab.



RECIPE OF THE MONTH

Big Soft Ginger Cookies, [Taste of Home](#)



Ingredients

3/4 cup butter, softened
1 cup sugar
1 large egg, room temperature
1/4 cup molasses
2-1/4 cups all-purpose flour
2 teaspoons ground ginger
1 teaspoon baking soda
3/4 teaspoon ground cinnamon
1/2 teaspoon ground cloves
1/4 teaspoon salt
Additional sugar

Instructions

1. In a large bowl, cream butter and sugar until light and fluffy, 5-7 minutes. Beat in egg and molasses. Combine the flour, ginger, baking soda, cinnamon, cloves and salt; gradually add to the creamed mixture and mix well.
2. Roll into 1-1/2-in. balls, then roll in sugar. Place 2 in. apart on ungreased baking sheets. Bake at 350° until puffy and lightly browned, 10-12 minutes. Remove to wire racks to cool.

PET OF THE MONTH

Stephanie Hill's 12 year old pup Cash will share the bed, but only to watch his favorite TV show, "The Dog Whisperer." He prefers the floor for sleeping.



WHAT TO DO IF YOU TESTED POSITIVE FOR COVID-19

If you test positive for COVID-19, follow CDC guidance, including isolating for at least five days and wearing a mask for at least 10 days. Wear a mask for longer if you continue to test positive or have new or worsening symptoms.

Notify your close contacts. Keep your health-care provider updated. Students, contact the Dartmouth College Health Service at dicks.house.nurse@dartmouth.edu or 603-646-9440. People without an established health-care provider, read <https://dartgo.org/health-guidance>



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